

### SITE INFORMATION

**Site Identifier :** MO1LB3 **Landowner Type :** Private  
**Site Name :** **Landowner Name :**  
**WRIA :** 03.0293C **Address :**  
**Region :** NS **Address2 :**  
**Trib to :** 03.0293B **City :**  
**River Mile :** 0.85 **State :**  
**River System :** Morgan Cr **Zipcode :**  
**Legal Description :** NW1/4S32T35NR6E **Phone :**  
**County :** Skagit  
**Habitat Type :** terrace tributary

#### Directions :

Follow the South Skagit Highway, from the Highway 9 intersect, for approximately 9 miles to the Potts Road on the right. Drive up Potts Road for approximately 1 mile to a sharp 90 degree turn to the left. Park here and talk to the landowner in the trailer. Follow trib 03.0293B for approximately 150m to the site.

#### Area Overview :

This trib offers a small amount of spawning habitat with some good rearing habitat. It appears to be surface fed as well as partially spring fed. There is a 5' drop that blocks upstream migration to a section that the landowner has seen juvenile salmonids in the past.

### Field Survey Information

**Date :** 01/15/1998 **Observer :** Olis **Survey Type :** initial

#### HABITAT INFORMATION

**Water Source:** (X) Spring ( ) Groundwater (X) Surface runoff

**Flow:** (X) Intermittent ( ) Year-round

**Estimated Flows (cfs):** Lower end: 0.4  
Upper end: 0.2

**Water Temperature(C):** Lower end: 5.5  
Upper end: 6.6

**Receiving Water Temperature (C):** 6.1

**Other Observations:**

**Site Area Measurements:** ( ) Indirect (X) Direct ( ) Combination  
 Widths: Channel: 2m Ponds: Wetlands:  
 Depths: Channel: 15cm Ponds: Wetlands:  
 Total length (includes ponds and wetlands): 666m

**Total existing habitat area (est. m2):** 1715

Spawning area:	Mainstem: 4	Tribs:	Total:
Impounded area:	Mainstem:	Tribs:	Total:
Other rearing area:	Mainstem: 1715	Tribs:	Total:
Unaccessible habitat:	Mainstem:	Tribs:	Total:

Spawning habitat conditions: ☐ None ☒ Poor ☐ Fair ☐ Good ☐ Excellent

Describe spawning habitat: Consists of 1" to 5" gravel with very little cover.

Rearing habitat conditions: ☐ None ☐ Poor ☐ Fair ☒ Good ☐ Excellent

Describe pond and other rearing habitat: Prior to the fork at 134m, the habitat is riffled with a gravel substrate. The left fork continues to be riffled with a gravel and cobble substrate as the grade increases to 5% before running into a chute/drop area. The right fork is 50% pooled and slow moving. It has a mud bottomed substrate with water parsley and skunk cabbage present. It has a fair amount of cover.

Describe inaccessible habitat:

Wetland type: ☐ Bog ☐ Marsh ☐ Scrub-shrub ☐ Forested

Describe:

Flooding potential: ☒ Low ☐ Medium ☐ High

Describe: The only evidence of flooding is a small blow out area at the beginning of the right fork, which partially created the area of deposition and braided channels at the entry area. It also created a 5' drop, blocking any juvenile migration above this point.

#### FISH INFORMATION

Site entry condition: ☐ Poor ☒ Fair ☐ Good

Describe: No pool present as well as an area of braided channels at the entry.

Coho access and use: Juvenile ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good  
Adult ☒ Unknown ☐ None ☐ Poor ☐ Fair ☐ Good

Describe: The landowner has seen juvenile salmonids in the right fork in the past. No adults or redds were observed.

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

Describe: Site is accessible to trout although none were observed.

ENHANCEMENT OPPORTUNITIES: There are a few sections of this stream that would benefit from some fencing to keep the livestock out.

Project type:

Equipment access:

ADDITIONAL COMMENTS: The 5' drop is located just below a 2' CMP and appears to have been created by the culvert placement. This drop blocks upstream migration to 672 square meters of good rearing habitat. The above mentioned fork with the culvert problem has been designated its own WRIA number. It is 03.0293D. Refer to sketch for clarity.

#### ATTACHMENTS AVAILABLE

☐ Aerials ☒ Sketch ☒ Maps ☐ Spawning Surveys ☐ Juvenile Trapping  
☐ Other References

POTTS ROAD

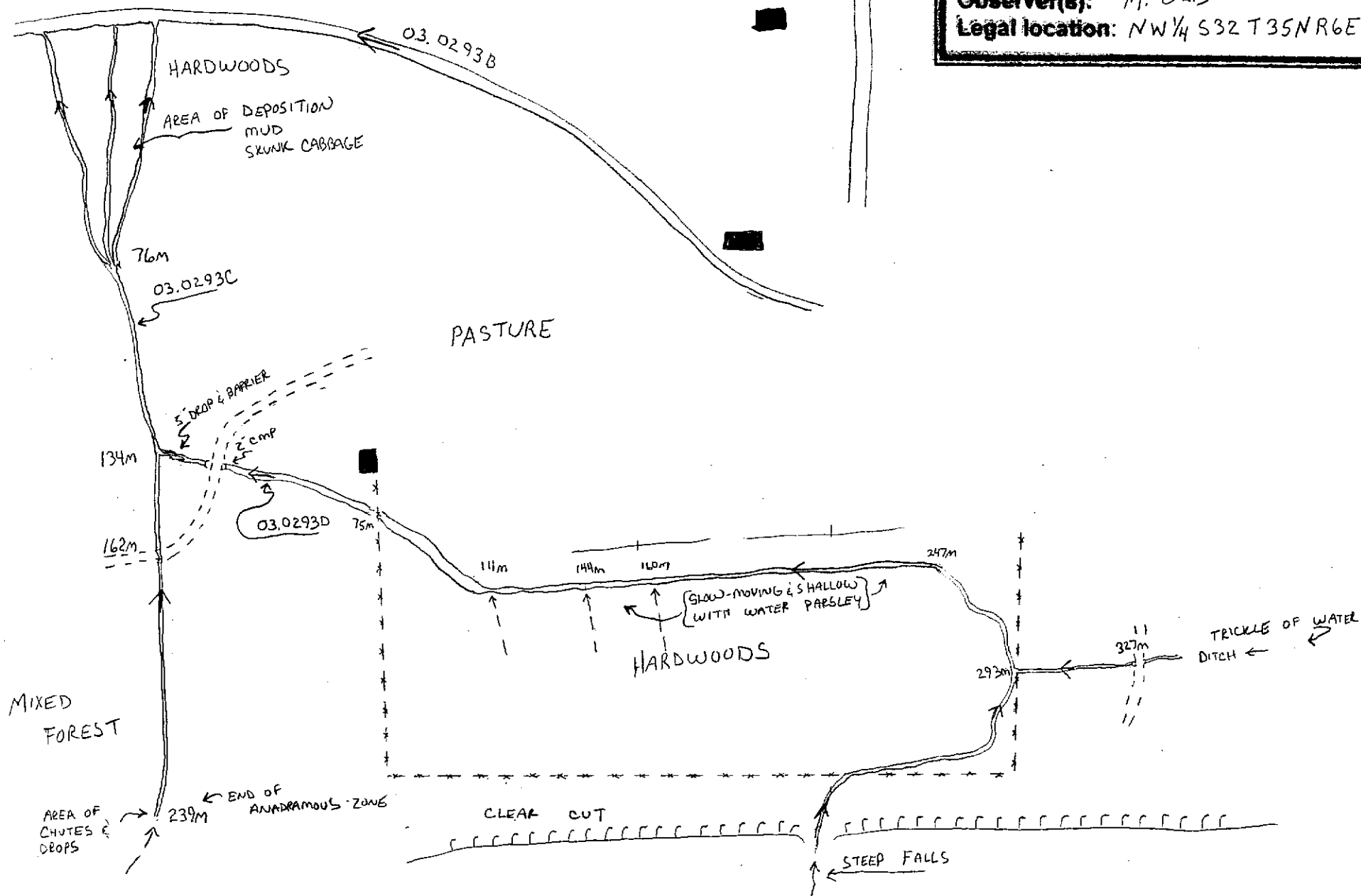
Site id. code: M0LB3

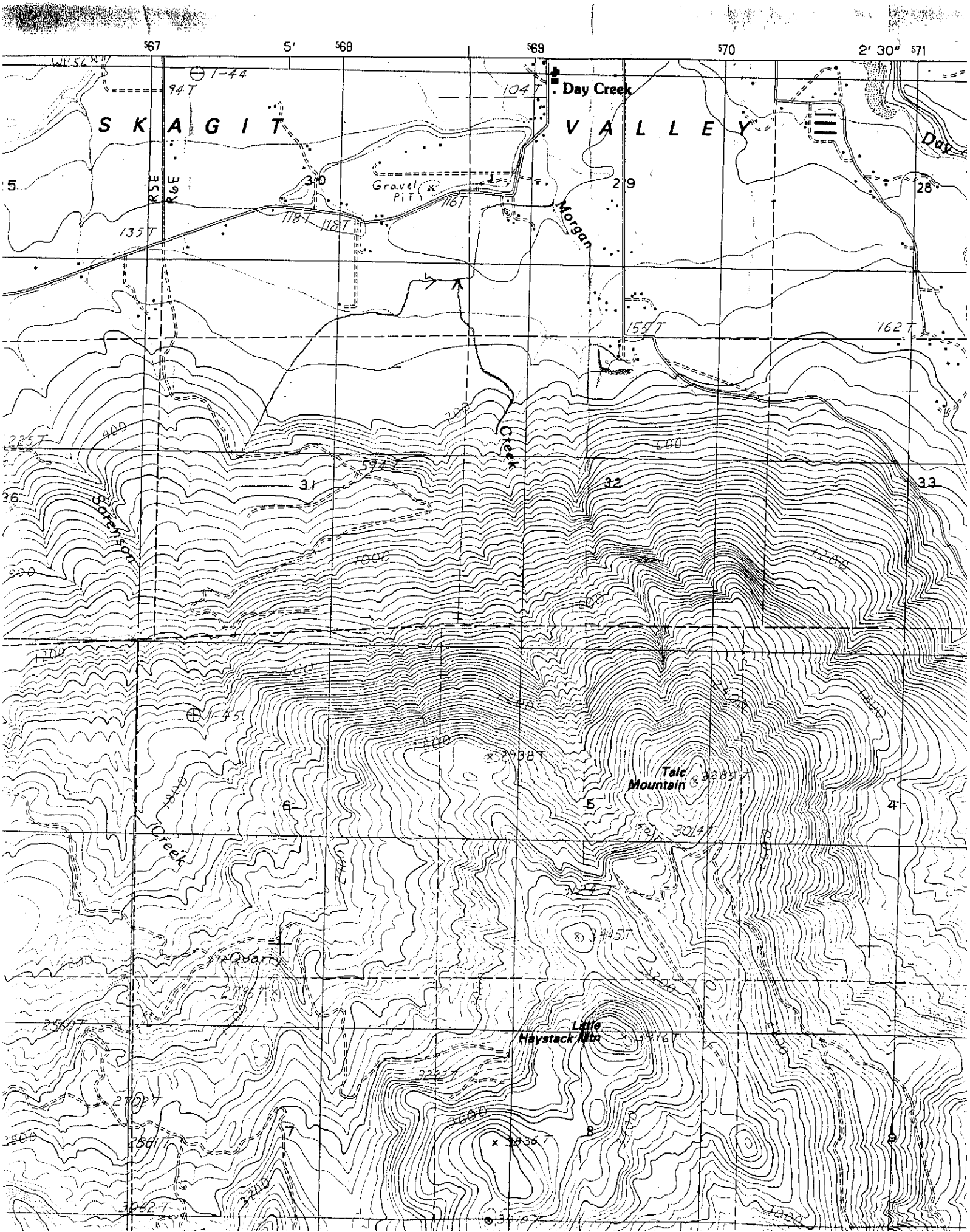
Site name:

Scale: 1" = 40m

Observer(s): M. OLIS

Legal location: NW 1/4 S32 T35N R6E





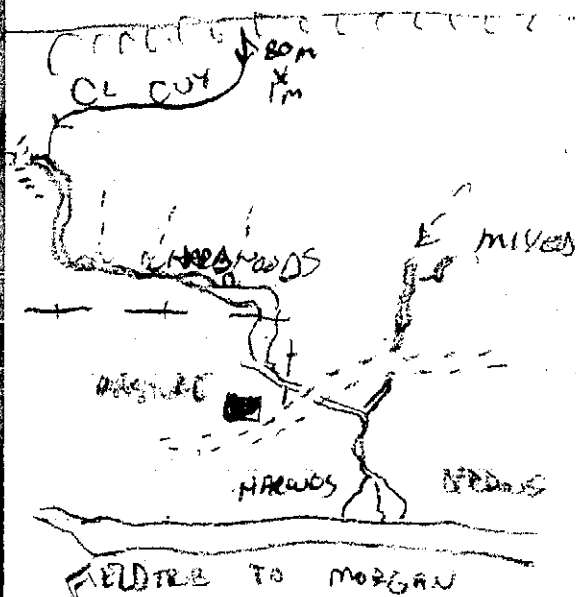
MOILB3

RM 0.85

NW 1/4 S32 T35N R6E

TN 18 70 402 938

1/15/98



### O.O ENTRY

FLOW - 0.4 CFS

STEM TEMP - 42°

R WTR TEMP - 43°

ACCESS - AREA OF  
BRAIDED CHANNELS

- NOT MUCH OF A  
POOL PRESENT @  
ENTRY.

76M WW 12M RIFF

- AREA OF BRAIDED  
CH.

- SOME GR PRESENT w/  
AREAS OF MUD  
& SKUNK CABBAGE.

134m WW 1m RIFF -  
- SUBSTR. 1"-5" GR.  
- 4m<sup>e</sup> SP. HAB  
- @ FORK

162m WW 1m RIFF  
- COBBLE SUBSTRATE  
- GOOD BRUSHY COVER  
- @ ROAD - WR  
FLOWS OVER RD.

239m WW 1m  
- RIFF  
- 67% GRADE  
- BOULDER → COBBLE  
- @ AREA WHERE  
OH. SPREADS OUT & ...

... DROPS 5-6', w/  
CHUTES & SM. FALLS.  
END OF THE LINE.  
THIS FORK FLOWS  
ONLY 1/2 THE YEAR.

GOING BACK TO RF  
REZEROING ON RF

6m WW 3m POOL  
- @ 5' DROP  
- BARRIER TO SVVS.  
ADULTS?

12m 1m RIFF  
@ 2' CMP & RD

17m UPSTREAM END  
OF CRP

50m WW 2m

- SLOW - MOVING w/  
MUD, SOFT SUBSTR.
- SOME GRASS IN  
CHANNEL
- @ FENCIBLE

75m WW 8m

- CH. SPREADS OUT  
& IS SHALLOW, SLOW  
MOVING.
- APPEARS TO DRY  
OUT, BUT OCE. WTR.  
PARSLEY PRESENT.

75m INT. TRIB ON  
RB.

- ENTERING ALDER  
STAND.

111m WW 3m

- SHALLOW, SLOW, MOVING
- PLENTY OF WTR
- PARSLEY w/ MUDDY SUBSTR
- INT. TRIB ON LB

144m WW 1m

- INT. TRIB ON LB

160m - WW 2m

- INT. TRIB ON LB

247m WW 1m

- STRM TURNS SLIGHTLY  
TO RILL.

293m WW 1m

- RCL  $\rightarrow$  1" GR  
SUBSTRATE
- @ FENCE LWS
- TRB ON LB

327m WW 1m

- SL. WEISED BANKS
- @ 18" CMP w/  
8" DROP - POSSIBLE  
BARRIER TO SUV.  
WT TEMP 44°

### COMMENTS

- LAND OWNERS CLAIM  
STRM ONLY FLOWS  
6-7 MONTHS OUT  
OF YEAR & THEY  
HAVE SEEN SUV.  
UP ABOVE CULVERT  
PREVIOUS YEARS.

- 5'  
- DROP JUST BELOW  
CULVERT WAS  
PROB. CAUSED BY  
CULVERT.